

## 10-32 Rack Rail Clip Nuts *1421N Series*

Fast-install 10-32 clip nuts for non-threaded round-hole and square-hole rack rails. An easy alternative to cage nuts for rack equipment installation.



Clip Nuts (Also known as Speed nuts or Timmerman nuts) are a great alternative to **Cage Nuts** and have many more uses. Whether your rack has non-threaded round holes or square, clip nuts are an easier solution to speed up your installation.

### Features

- 10-32 clip nuts for non-threaded rack rails.
- Heat-treated by means of austempering.
- Available in black or plated steel finish.
- Ships in a clam shell or resealable jar, depending on quantity.

### Key Features and Benefits

- Heat-treated SAE 1050-1065 spring steel construction provides a durable, reusable mounting solution for non-threaded rack rails.
- Designed for 10-32 mounting hardware, making them compatible with a wide range of rack-mounted IT, networking, telecommunications, and industrial equipment.
- Clips directly onto non-threaded round-hole or square-hole rack rails, providing a fast alternative to traditional cage nuts.
- Spring steel design securely grips rail material from 0.069 to 0.079 inches thick for dependable equipment mounting.
- Available in black oxide or zinc-plated (CR3) finishes to suit different installation requirements.
- Austempered for consistent spring tension and long-term retention.
- Available in 25, 100, and 250-piece packages for installers, maintenance departments, and OEM production.
- Installs without special tools, making equipment additions, moves, and replacements faster than traditional cage nut installations.
- Manufactured in North America within an ISO 9001 certified facility.
- RoHS and REACH compliant.

### Specifications

- Recommended torque spec 31.4 +/- 20% inch-lbs
- For use with 0.069-0.079" panel thickness.
- Hardness: HRC 38-42.
- Maximum load rating will vary depending on rail mounting and cabinet load rating.
- 1421NP are zinc plated CR3.

The 1421N Series 10-32 Rack Rail Clip Nuts provide a fast, reliable way to create threaded mounting points in non-threaded round-hole and square-hole rack rails. Manufactured from heat-treated spring steel, these clip nuts simply snap onto the rack rail, eliminating the need to install separate cage nuts while providing a secure 10-32 threaded connection for rack-mounted equipment.

Ideal for telecommunications, networking, industrial control, and OEM applications, the 1421N Series is available in black oxide and zinc-plated finishes and multiple package sizes. For customers who need both clip nuts and matching rack screws, Hammond also offers the CLPKIT Series complete mounting hardware kits.

When Another Product May Be a Better Choice

- When you're mounting equipment to standard square-hole rack rails, choose the **CAGNUT** Series or **CAGKIT** Series for a traditional cage nut solution.

Gallery



| Part No.<br>Black Oxide Finish | Part No.<br>Zinc Plated Finish | Quantity<br>Included | Package Type |
|--------------------------------|--------------------------------|----------------------|--------------|
| 1421N25                        | 1421NP25                       | 25 clip nuts         | Clam Shell   |
| 1421N100                       | 1421NP100                      | 100 clip nuts        | Plastic Jar  |
| 1421N250                       | 1421NP250                      | 250 clip nuts        | Plastic Jar  |

10-32 Mounting Screw and Clip Nut Combo-Pack

| Part No.       | Qty Included | Clip Nuts             | Rack Screws                               | Package Type |
|----------------|--------------|-----------------------|-------------------------------------------|--------------|
| CLPKIT1032-10  | 10 of each   | Zinc plated clip nuts | Black Screws with installed nylon washers | Clam Shell   |
| CLPKIT1032-25  | 25 of each   | Zinc plated clip nuts | Black Screws with installed nylon washers | Plastic Jar  |
| CLPKIT1032-50  | 50 of each   | Zinc plated clip nuts | Black Screws with installed nylon washers | Plastic Jar  |
| CLPKIT1032-100 | 100 of each  | Zinc plated clip nuts | Black Screws with installed nylon washers | Plastic Jar  |

Where the 1421N Series Works Best

- Equipment racks with non-threaded round-hole rails.
- Cabinets with non-threaded square-hole rails.
- Telecommunications and networking installations.
- Industrial control cabinets using non-threaded mounting rails.
- Equipment upgrades where fast hardware installation is important.
- Service, maintenance, and retrofit projects.

Best Applications

- Creating 10-32 threaded mounting points on non-threaded rails.
- Installing switches, patch panels, shelves, and cable management accessories.
- Replacing damaged or missing clip nuts.
- Stocking installer and maintenance hardware kits.
- Faster equipment installation than traditional cage nut solutions.

Tags: clip nuts, rack rail clip nuts, speed nuts, Tinnerman nuts, U-style clip nuts, clip-on nuts, spring clip nuts, rack mounting clip nuts, J nut, U nut, captive clip nut, rack rail speed nuts

Data subject to change without notice.

